

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

*Pagination Note:
Since many of the items lack a specific
page number, the page number displayed
online refers to the sequentially created
number each item was given upon
cataloging the materials.*

Leptopea

" var. brachystachys
variolosa viscosa lept
filosa dividens longicaulis
from your brachystachys
variolosa

anthus from Egypt
and from Sassil.

Aquatica free

(Enclosed 5-5-7-5-62)



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

5004



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

mgalen

(Enclosed 5-4-7)
and 5-58)



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



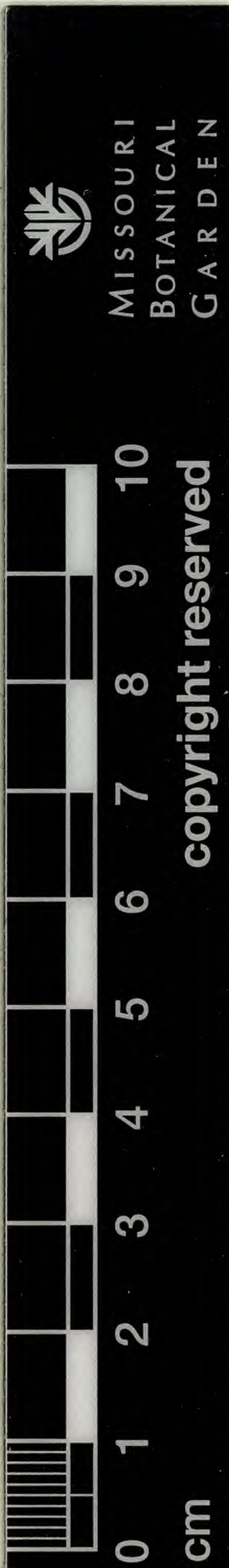
MISSOURI
BOTANICAL
GARDEN

Couperia reflexa
var. *stylium*
fls. of smooth
stems of reflexa
the longer the
stems

MISSOURI BOTANICAL GARDEN.

Bengaluru

(Enclosed 557)
and 558





0 1 2 3 4 5 6 7 8 9 10

cm

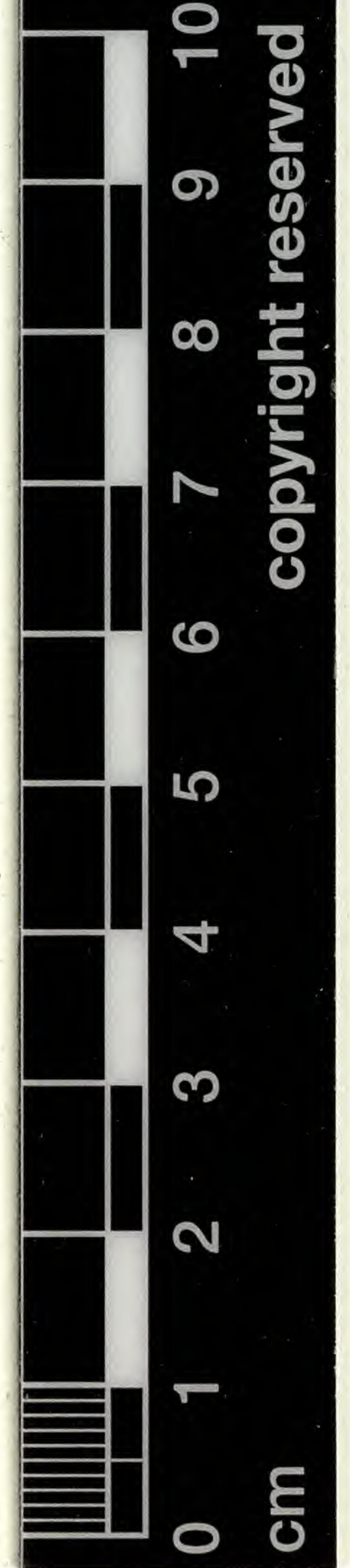
copyright reserved

MISSOURI
BOTANICAL
GARDEN

5005



MISSOURI
BOTANICAL
GARDEN



C. pediellata Lodd

210

This will and it is
a parthenocarpic
stigma record



0 1 2 3 4 5 6 7 8 9 10
cm

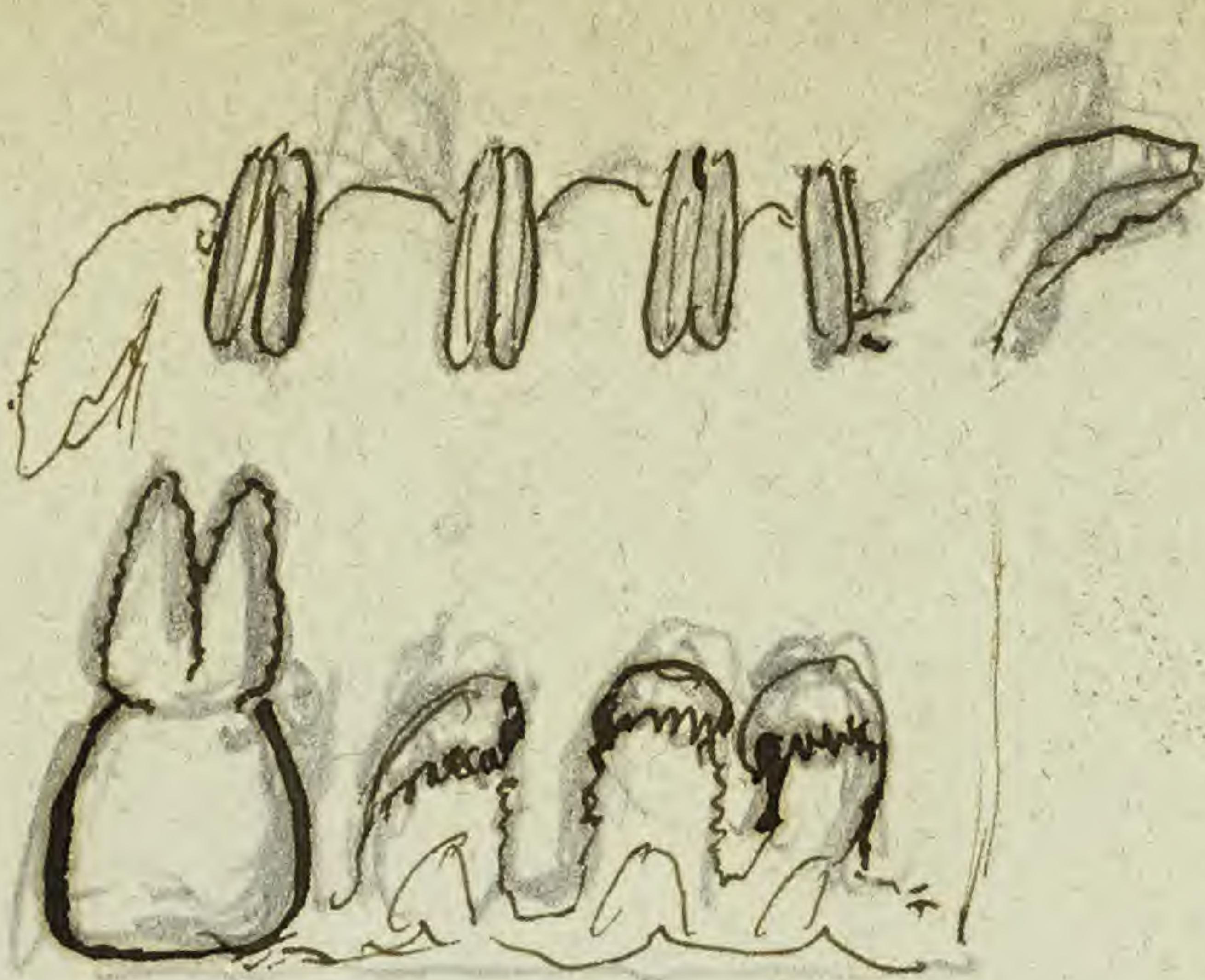
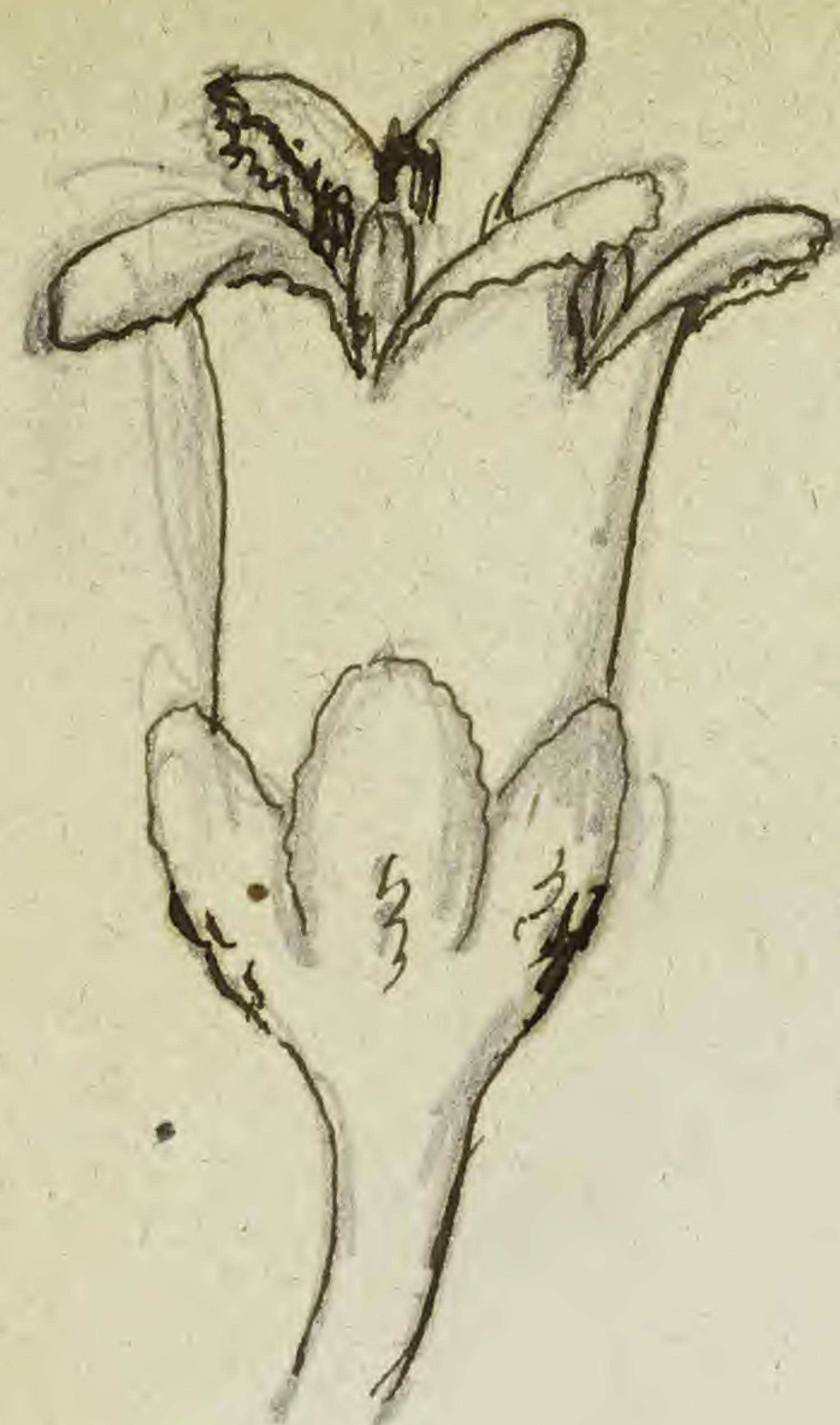
copyright reserved



MISSOURI
BOTANICAL
GARDEN

291

Paris July 1857



Crinum reflexa

Calonetta

Ex herb Wallr. &

Gardnare N^o 129

[Hab. Odess.]

Flors pedicellati



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5006

MISSOURI BOTANICAL GARDEN
GEORGE ROBERT ENGELMANN PAPERS



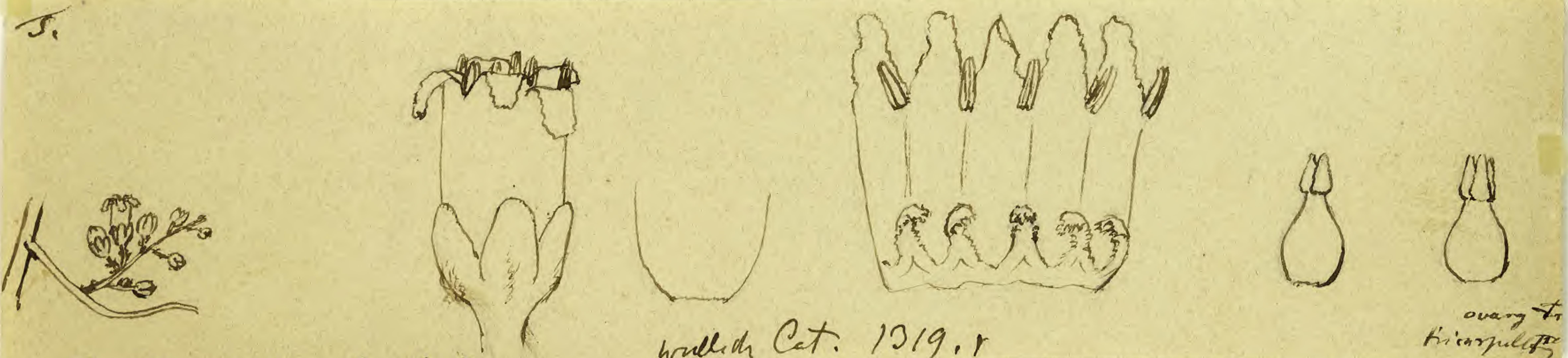
0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



Wulff Cat. 1319.1

"*Curoutia reflexa* Roxb."

Filhos F. de Silva

Hab. Hook 31. a

Silhet (cast Bengal)

Ferdinand de Silva



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5007

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



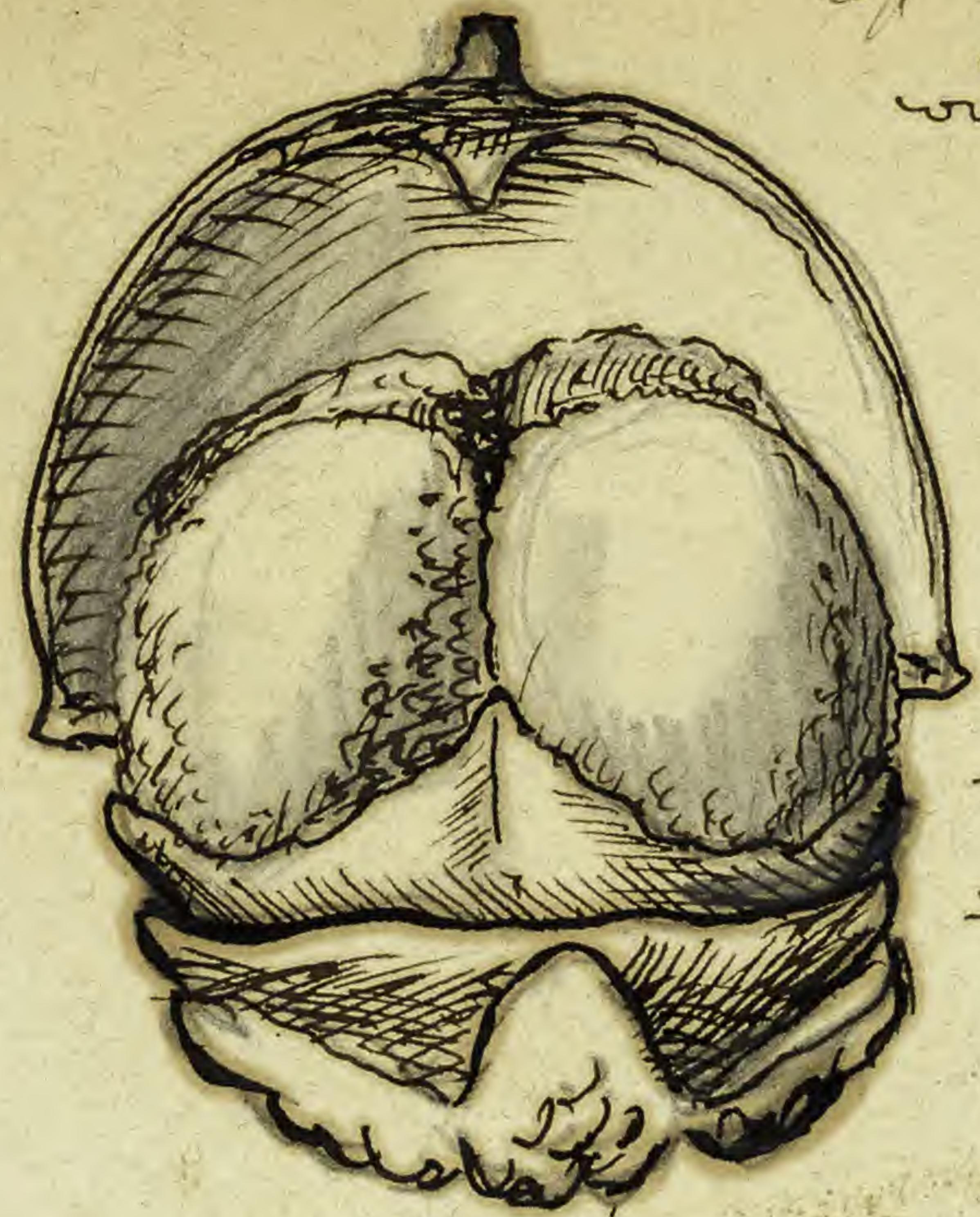
0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



top of Capsule
with seeds 20/5/99
C. reflexa

4 seeds

disk
4 lobed disc of placenta

base of capsule

alb.



disk



lobed disc of placenta with base of capsule below
dissepist 2 ventr, and 2 cross elevated, separating
the seeds



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved

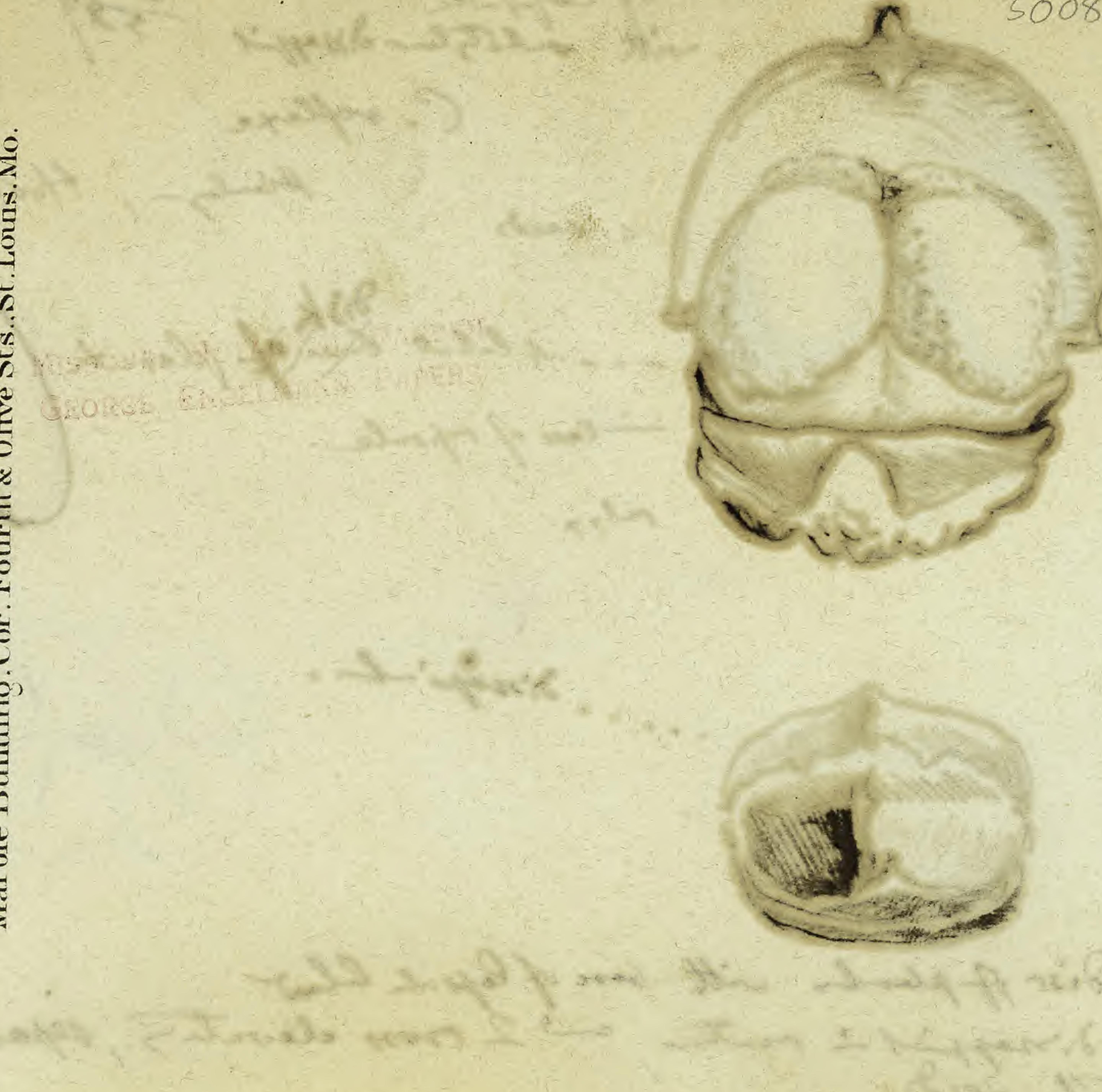


MISSOURI
BOTANICAL
GARDEN

5008

A vertical column of large, stylized, blocky characters from an ancient script, likely Mayan or Aztec, arranged in a grid-like pattern. The characters are rendered in black on a light background. To the right of this column is a decorative border featuring stylized human figures and geometric patterns.

Marble Building, Cor. Fourth & Olive Sts., St. Louis, Mo.



01

2

3

4

5

6

7

8

9


0

cm

copyright reserved



MISSOURI BOTANICAL GARDEN



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5009

1980
Succulents



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

reflexa
var
mammathe

whorl margin lobed
whorl - 1/3 segments
straight, slightly
twisted, ~~long~~ ^{long} with
long awl
anthers ^{long} awl
subfusca bract filaments

(Enclosed 5-50-5-5-6)



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5010

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



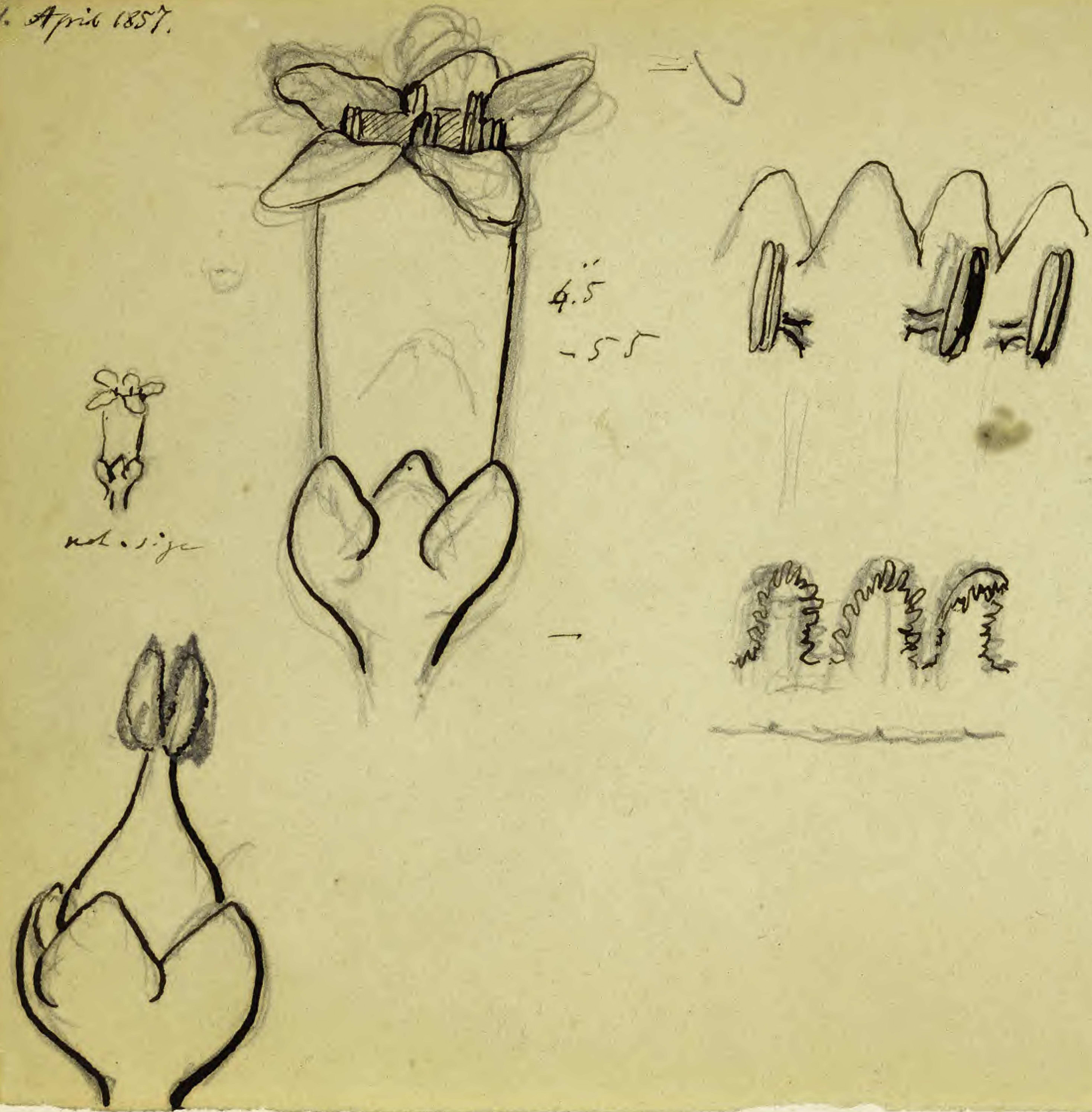
0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

6 April 1857.



Curcuma macrantha Don
side Kotsch.

Himalaya.

Dr. Hooker's
in Prince William
Exped

fl. 3½-4½ in long.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5011

MISSOURI BOTANICAL GARDEN



0 1 2 3 4 5 6 7 8 9 10

cm

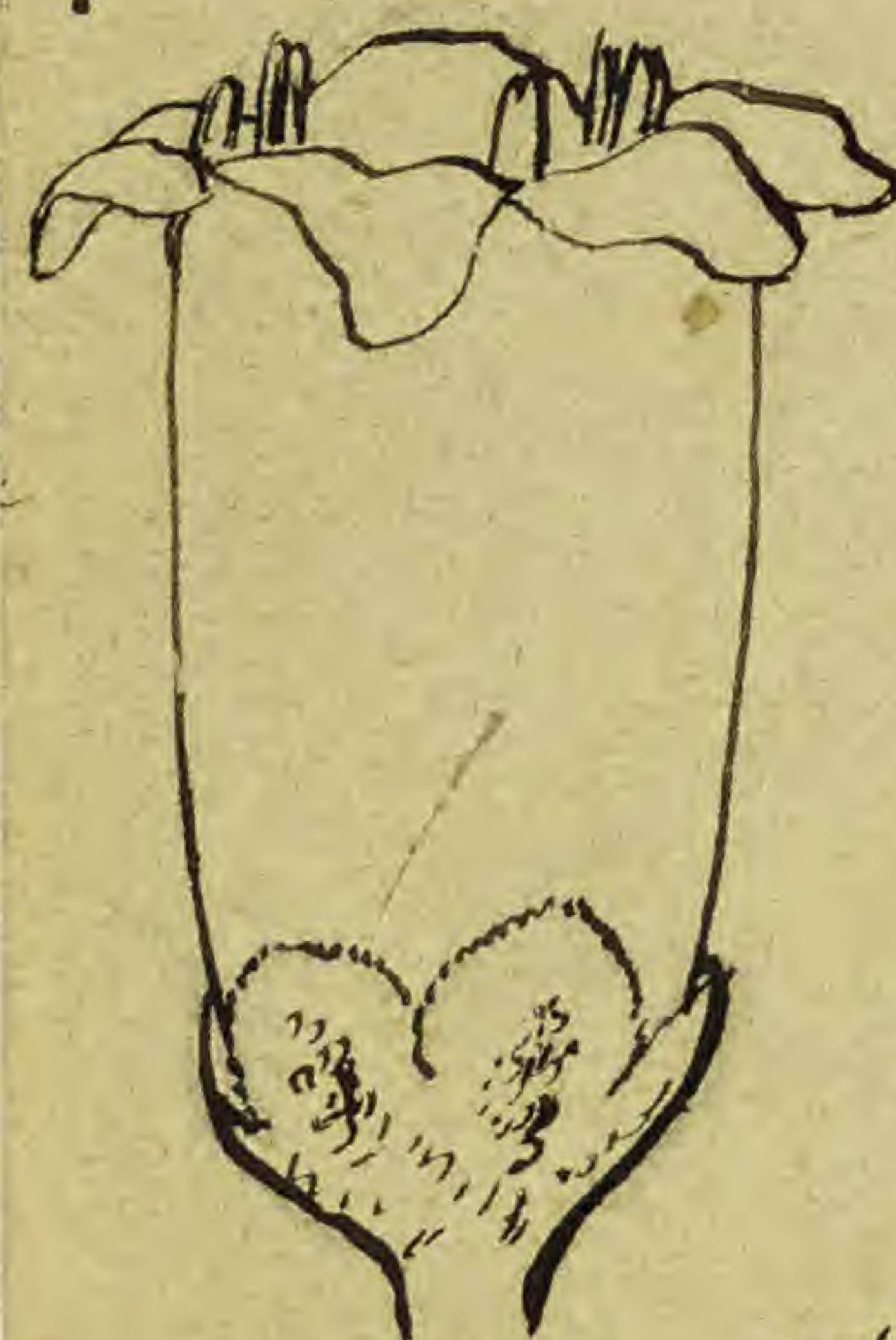
copyright reserved



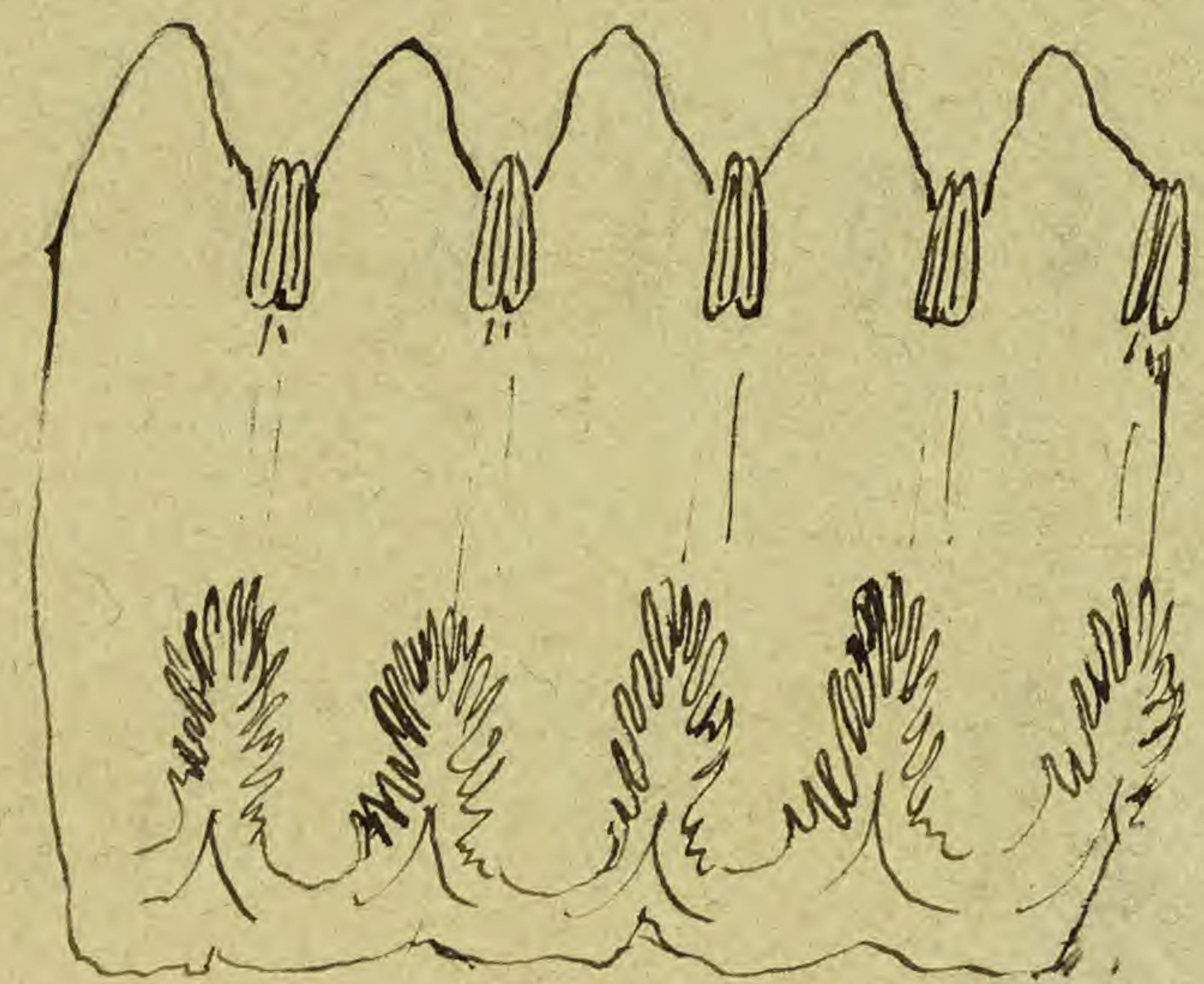
MISSOURI
BOTANICAL
GARDEN

1843

9.



ought to be a little larger



proportional size

Cuscuta macrantha Don
Herb. Acad. Philad



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5012

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN HERBARIUM



0 1 2 3 4 5 6 7 8 9 10

cm

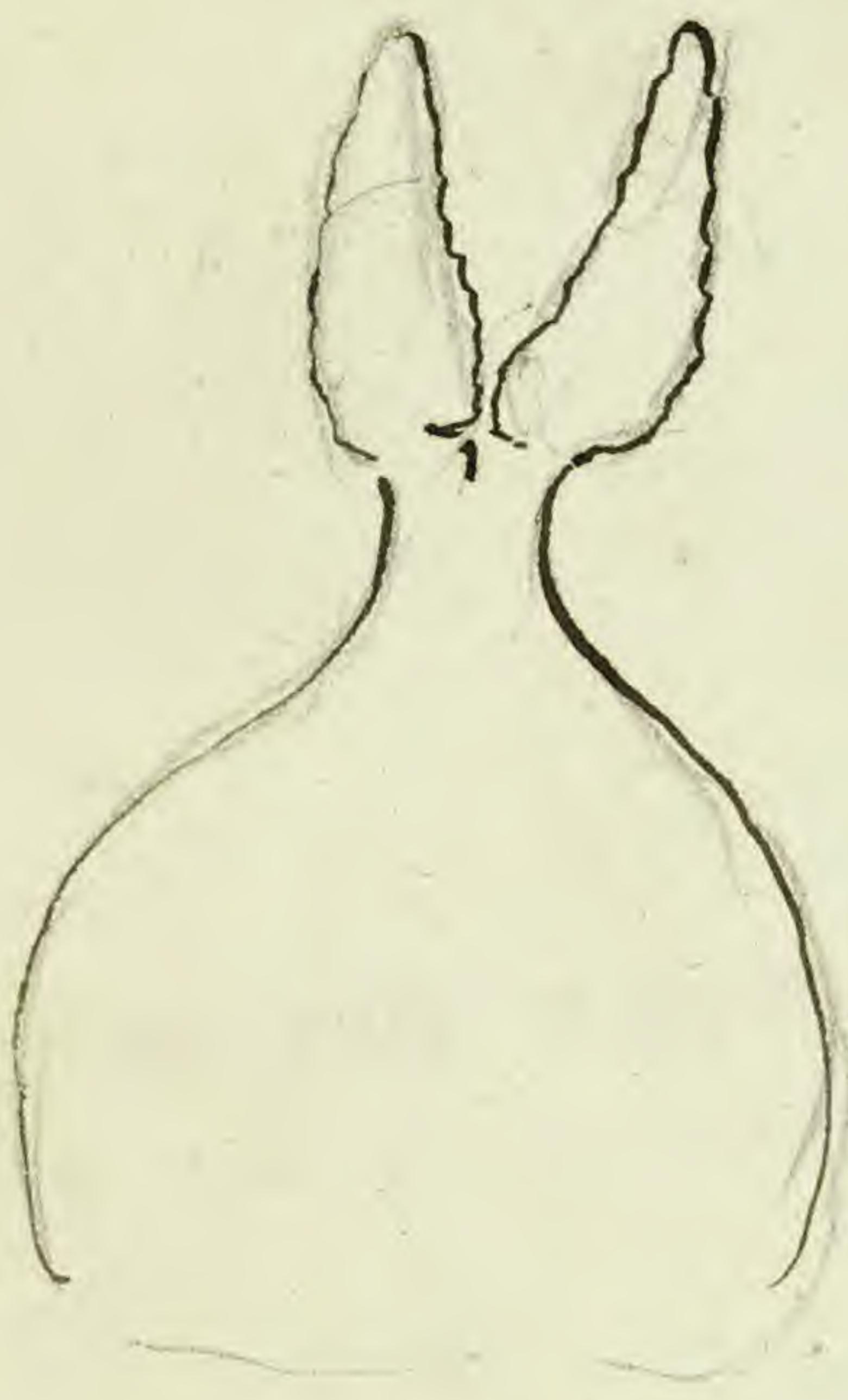
copyright reserved



MISSOURI
BOTANICAL
GARDEN

244

Paris 1857



Himachal, Strachey & Winterbotham
No. 1. *C. macrantha*.

— the Paris. Flowers 3" long
Lobes as well as scales about
 $\frac{1}{3}$ the length of the Corolla which
with lobes erect is $2\frac{1}{2}$ in.



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5013

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

51 = 31 = 11



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

C. reflexa Roxb.

Calcutta Wallich 1319. 2

in Herb. Berlin

young fruit, aft flowering.



macrorhizae

below

host

Ex

The division of — way; —
longer than the longer style. — fl. when
old 3 c. long



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

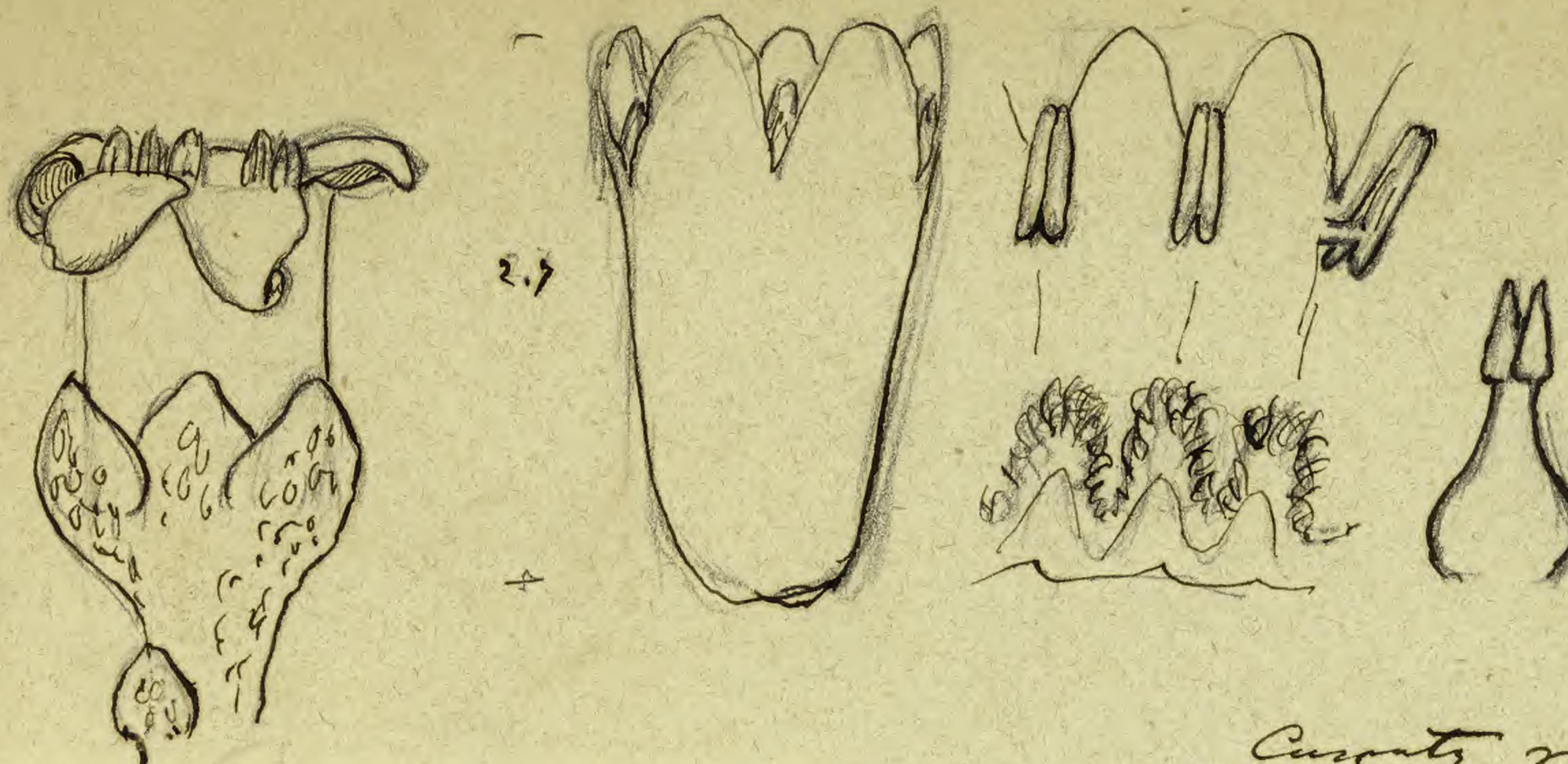
5014

as nearly half as long
- anthers about
of the lobes; slightly
the ~~more~~ style. -
by



copyright reserved

MISSOURI
BOTANICAL
GARDEN

*Carissa reflexa* Roxb.

Hoth. Calcutt.

lobes of Corolla nearly half as long as the tube. — anthers inserted below the division of the lobes; stigmas longer than the corolla style. — fl. when lobes of corolla not reflexed 3 c. long

Wallace 1319. 2

Ex herb. Deless.



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5015

MISSOURI BOTANICAL GARDEN
C 1998



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



Cupressa

Leognani N° 149

Sassavam Sud. orient. ad sepes.
in Bengal

Ex herb. Mus. Paris

" flores albi di, camosi
" suave olentes. "

ped. rilli bracteati
grandulae multiflora;
calyxi lobis venosis & rato-
rotundatis; intercalatis
rotunda tab cylindri, angustius
lancea ornatæ obtuse reflexæ
rotundatis que; antri licanis
subapicibus - styles stigmate
broad costa (longitudine ex diametro spathæ)



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

argentea *s. superba* *vis* *longior*
spicata ~~repanda~~ *vis* *longior* *spicata* *prolifera* *pubescens*
capillaris *spicata* *aberrante* *ornata*

See fig 244



MISSOURI BOTANICAL GARDEN
 GEORGE ENGELMANN PAPERS

some of the flowers are larger, with shorter
stigmas *style*; others narrower, elongated,
 with longer *acumination* of *ray*, or *style*.
 as figure on the other side
 but both forms have short *stigmas*

Edgeworth No 480 *C. reflexa* is a similar plant; flowers 3 l. 6
 the *stigmas* short, almost sessile



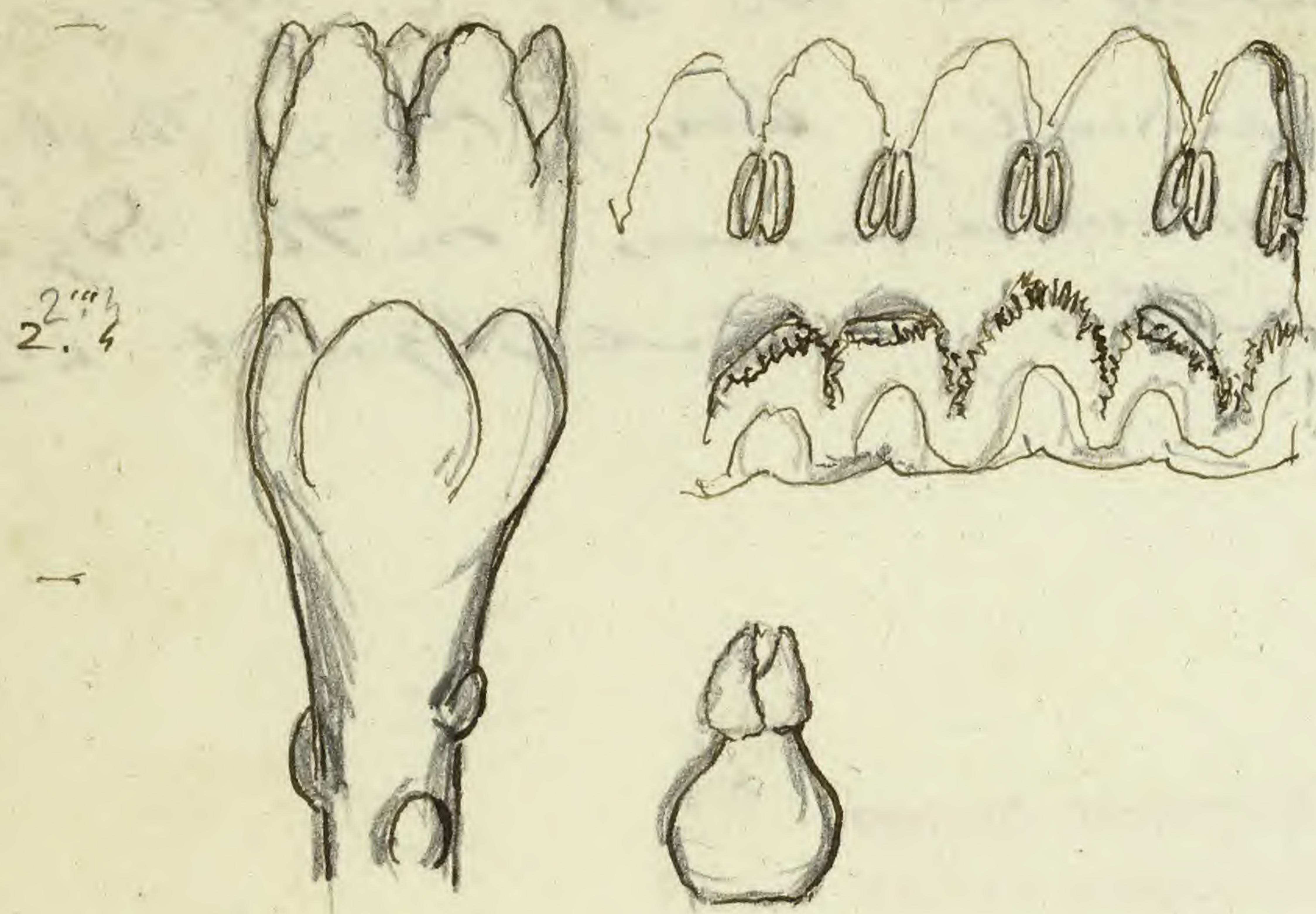
0 1 2 3 4 5 6 7 8 9 10
 cm

copyright reserved



MISSOURI
 BOTANICAL
 GARDEN

Paris June 1859



2520 Voyage de V. J. Agassiz

Saharunpore, Novemb.

This plant is distinguished by the very thick pedicels, the thick fleshy but quite smooth calyx, the short corolla lobes of which are not much shorter than the tube, the ovate sessile anthers and the large scales which reach almost up to the anthers - and are only very short ~~puberulous~~ but deeply puberulous, - stigmas consider almost sessile.

In the same paper is also the other, common *Castilleja* of



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Jadi, which I take to be nothing but the old *C. reflexa*
= *macrocarpa*; - with slender pedicels, lobes of calyx thick,
and vermilion in the middle, membranaceous on the edges,
with longer corolla, longer anthers, but stigmas of calyx
short. -

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

5017



0 1 2 3 4 5 6 7 8 9 10
cm

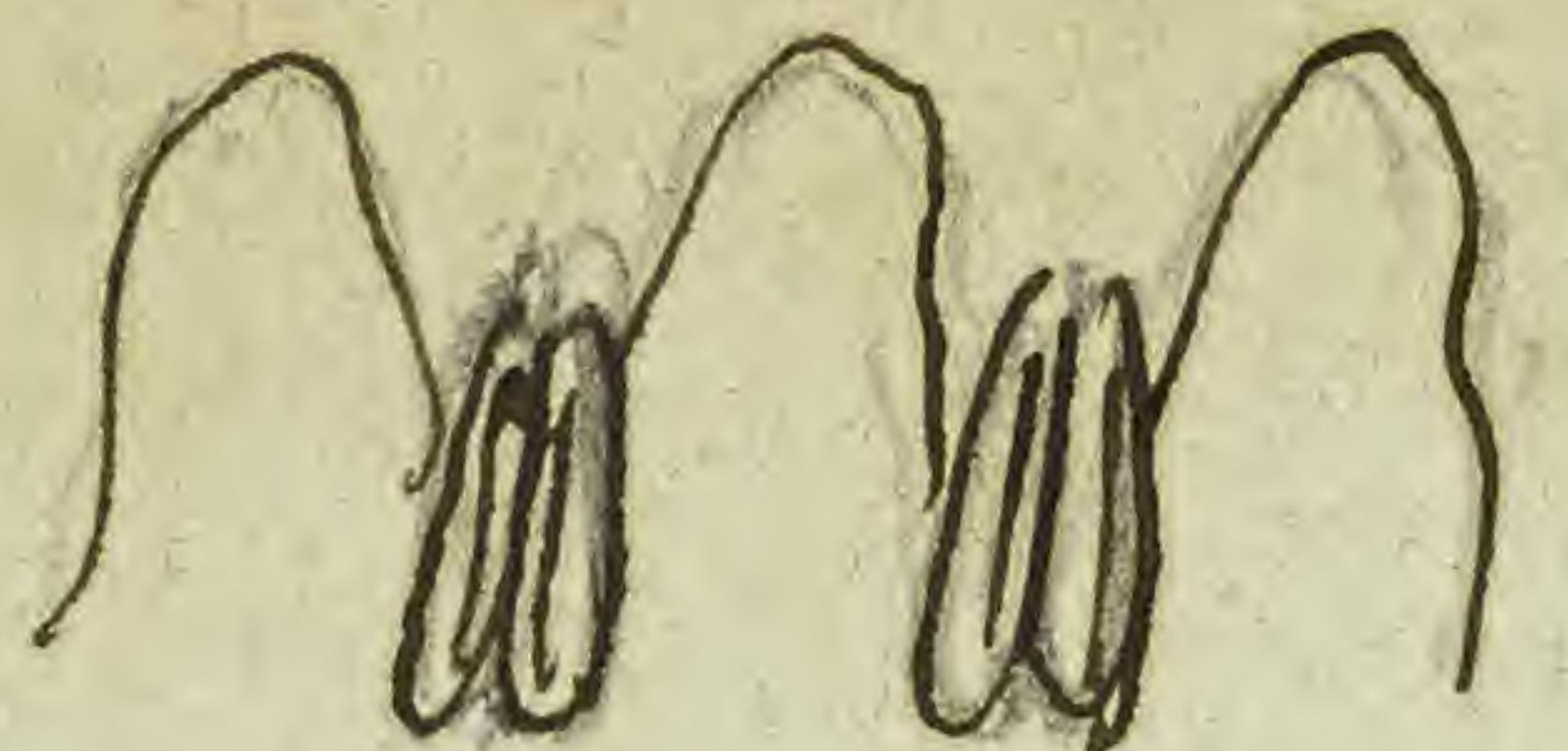
copyright reserved



MISSOURI
BOTANICAL
GARDEN

300.

Kew. Aug 1857



450. *Cassouts anguine Edgew.*

Linn. Transact. 20. 87

on *Urtica* & *Urt. holzii*

Himalaya 5-6000 feet
high.

M. P. Edgeworth. 1844

- Herb. Kew. Oliver Daniell.

I can find not the least difference
between this and *C. reflexa*,
unless serrate at the finex
peduncles squamate or with bracteate



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

5018



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

225



flower bud



Zollinger Java
N^o 2839
in herb. reg. Berlin
(N^o 355 is similar, but
underdeveloped
Cult. from 'bulan'.



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5019



0

1

2

3

4

5

6

7

8

9

10

cm

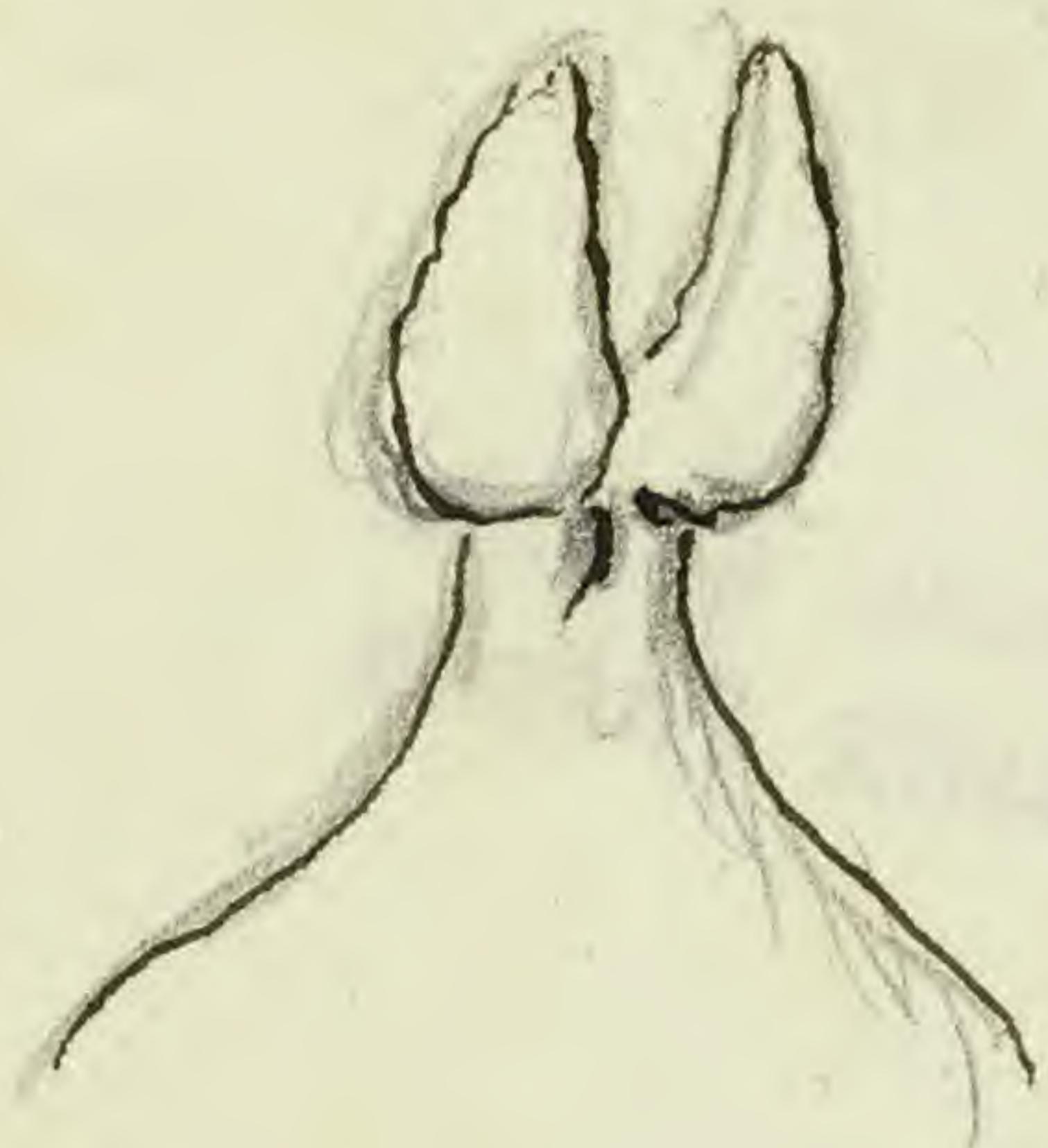
copyright reserved



MISSOURI
BOTANICAL
GARDEN

244

Paris, June 57



Sassierian, Ind. or. ad Species

V. Jacquemont No 149

"Floris albidis gratissimi odoris"
in Herb Paris

Flowers 4" long

Cubes as well as scales less than
 $\frac{1}{3}$ of the length of the whole Corolla
which is $3\frac{1}{2}$ in long

see fig 208.



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

5020

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN